



01-2003

1724 \$

Express Mail No.: EL 451 599 394 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chang *et al.*

Application No.: 10/052,451

Group Art Unit: 1724

Filed: January 17, 2002

Examiner: Lawrence Jr., Frank M.

For: *Method and Apparatus for Renewable Mercury Sorption* Attorney Docket No.: 9842-271-929RECEIVED  
JAN 24 2003

TECHNOLOGY CENTER 1700

## FEE TRANSMITTAL SHEET

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

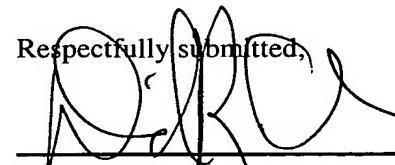
The fee required to be filed with the accompanying amendment of even date herewith concerning the above-identified application has been estimated to be \$168.

The claim amendment fee has been estimated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE	
TOTAL 17	MINUS 20	= 0	× 9 \$			× 18 \$		0.00
INDEP. 5	MINUS 3	= 2	× 42 \$			× 84 \$		168.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			140 \$			280 \$		
			TOTAL \$		OR	TOTAL \$		168.00

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Date January 16, 2003

Respectfully submitted,  
  
David R. Owens

40,756

(Reg. No.)

for Gary S. Williams  
PENNIE & EDMONDS LLP  
3300 Hillyview Avenue  
Palo Alto, CA. 94304  
(650) 493-4935

31,066

Enclosure



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JW - CW

1-31-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Chang *et al.*

Serial No.: 10/052,421

Group Art Unit: 1724

Filed: January 17, 2002

Examiner: Lawrence Jr., Frank M.

For: *Method and Apparatus for  
Renewable Mercury Sorption*

Atty Docket No.: 9842-271-999

TECHNOLOGY CENTER 1700

JAN 24 2003

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AMENDMENT AND RESPONSE TO OFFICE ACTION

Honorable Commissioner for Patents  
Washington, D.C. 20231

01/22/2003 EFLORES 00000004 161150 10052421  
01 FC:1201 168.00 CH

Sir:

In response to the Office Action mailed October 17, 2002, please amend the above identified application as follows:

In the Claims

Please amend Claims 1, 3 and 5 as follows:

- DAB:JW*
- A1*
1. (Amended Once) A method for removing a vapor-phase contaminant from a contaminated gas stream in a duct, said method comprising:  
coating fresh sorbent onto a surface of a sorbent structure positioned inside a gas duct;  
passing a contaminated gas stream comprising a vapor-phase contaminant through said gas duct and over said surface of said sorbent structure having said fresh sorbent thereon so that said vapor-phase contaminant is adsorbed by said fresh sorbent until saturated sorbent is produced;  
periodically removing said saturated sorbent from said sorbent structure and collecting said saturated sorbent outside of said gas duct; and  
repeating said coating with a new quantity of fresh sorbent.

01/22/2003 EFLORES 00000003 161150 10052451

01 FC:1201 168.00 CH

Void date: 01/22/2003 EFLORES

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